

Sharan Girdhani

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Education:

Degree	Board / University	Year of Passing	CGPA
MS in Computer Science	University of North Carolina at Charlotte, USA	2017(December)	4.0/4.0
B-Tech in ECE	IIIT Hyderabad, India	2014	

Skill Set:

- **Languages:**
Proficient: C, C++, PHP, MySQL, Javascript, JQuery, AJAX, CSS3, HTML5
Intermediate: Python, Java, Scala
- **Frameworks/Libraries:** Yii, CodeIgniter (PHP), MVC, Bootstrap(CSS, JS), D3.js, OpenMP, MPI, Pthreads (C++)

Work Experience:

- **Graduate Teaching Assistant** at [UNC Charlotte](#) for the course **Database Systems**. (Spring 2017)
- **Software Engineer** at [CouponDunia Media Pvt. Ltd, Mumbai](#) (June'14 –July'16)
 - Worked on Service oriented architecture of 7 different services interacting with one another using Restful APIs in an Agile development environment.
 - Developed management system for audit processes, user management, sales credit system, performance report tools and the entire process flow structured in MVC framework.
 - Problem curator on HackerRank for all technical positions.
- **Summer Intern(Technical)** at [Indian School of Business \(ISB\),Hyderabad](#) (Summer 2013)
 - Designing & Management of database for patents under [Prof. Kannan Srikanth](#) in F & R Department using C++ & MySQL.
- **Summer Intern(Web Development)** at TripNaksha, Hyderabad (Summer 2011)
 - Developed the frontend of their website using Javascript, JQuery, CSS & HTML. Used bootstrap & jQuery-UI for further beautification of the website.

Publication:

- Sharan Girdhani, G. Ramamurthy, S. Pongubala -"[Information Theory in Management of Organizational Hierarchies](#)", International Conference on [Soft Computing & Machine Intelligence \(ISCMi\)-2014](#).

Coursework:

- Parallel Computing, Database Systems, Algorithm & Data Structures, Software Design & Implementation.
- Big Data & Cloud Deployment, Visual Analytics, Knowledge Discovery of Databases.

Projects:

- **Real-Time Analytics System** using Youtube APIs: Spark Streaming, NLP, Scala, RabbitMQ, D3. (Ongoing)
- Automated System for processing **mining rules using ARAS** on any given data set like Mammographic Mass, Car Evaluation etc. using JAVA Swing.
- **N-Queen Parallel and Scalable Parallel Matrix Multiplication** implementations in both MPI and OpenMP libraries (C++).
- **Room Reservation System**, Under Dr. Ali Sever, made a Reservation Portal using PHP & MySQL.
- **Clothing Closet**, Under [Dr. Pamela Thompson](#), made a Online Website mockup using PHP & MySQL.
- **Book Search Engine** : using C++ for searching any word from a Book.
- **Robotic Arm**, Made a Robotic Arm that can Pick and Place Objects using Embedded-C Programming.